

## ABSTRACT

The invention provides a negative image-recording material for heat-mode exposure systems, which comprises (A) an IR absorbent including cyanine dye having a substituent that contains an atom having an atomic weight of at least 28 such as halogen atom, or a substituent that contains a non-covalent electron pair such as carbonyl group, (B) a radical generator and (C) a radically-polymerable compound, and which is imagewise exposed to IR rays for image formation thereon.